

ABSTRACT OF THE DISCLOSURE

A fluid cooled air conditioning system for effectively cooling a continuous flow of return air to a desired temperature. The fluid cooled air conditioning system includes a first valve fluidly connected to a chilled fluid supply, a main cooling unit connected to the first valve, a second valve connected to the main cooling unit and a chilled fluid return, and a precooling unit connected to the second valve. During normal cooling requirements, the second valve diverts the chilled fluid to the chilled fluid return instead of the precooling unit. However, during high cooling requirements, the second valve allows the chilled fluid to pass through the precooling unit for precooling the return air prior to entering the main cooling unit.